Week 9 Assignment Write-Up

Back-End:

The backend of this assignment was not too difficult. The provided interfaces made implementation really easy. All it took was a little bit of research into qualities of prime and perfect numbers. I had a particularly clever implementation where when obtaining all the factors where I only looped from 2 to the sqrt of a number because 1 is always a factor, and if my i from the loop is a factor, so is the number/i, meaning I never have to check past the square root because the square root squared is the original number.

Front-End: